

BET
6.26.01
#5/PRE
AMOT
A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Diab et al.)	Group Art Unit Unknown
)	
Appl. No.	:	Unknown)	
)	
Filed	:	Herewith)	
)	
For	:	SIGNAL PROCESSING)	
		APPARATUS AND METHOD)	
)	
Examiner	:	Unknown)	

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to examination on the merits, please amend the above-captioned patent application as follows:

Please add the following new claims:

41. A pulse oximeter comprising:
- at least first and second light emitting devices;
 - at least one light detector configured to receive light attenuated by transmission through a living tissue with arterial pulsing blood, the light detector acquiring a first signal based on the first light emitting device comprising a first desired signal portion and a first undesired signal portion and a second signal based on the second light emitting device comprising a second desired signal portion and a second undesired signal portion;
 - an adaptive system responsive to said first and second signals to provide at least first and second output signals; and
 - a processor responsive to the first and second output signals to oxygen saturation of said arterial blood.